

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034534.D
 Acq On : 07 Apr 2022 01:52
 Operator : CG/JU
 Sample : N2182-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R15

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 07 03:20:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	4085	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.719	136	10945	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.555	164	5338	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	9578	0.400	ng/ul	-0.02
17) Chrysene-d12	21.469	240	7829	0.400	ng/ul	#-0.03
23) Perylene-d12	23.863	264	6193m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	9631	1.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	1672	0.116	ng/ul	-0.01
18) Fluoranthene-d10	19.320	212	4094	0.178	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.768	128	9722	0.284	ng/ul#	89
7) 2-Methylnaphthalene	12.396	142	4424	0.237	ng/ul	99
8) 1-Methylnaphthalene	12.610	142	3498	0.186	ng/ul	100
10) Acenaphthylene	14.273	152	2325	0.094	ng/ul	97
11) Acenaphthene	14.615	153	6438	0.322	ng/ul	95
12) Fluorene	15.601	166	7118	0.345	ng/ul	96
15) Phenanthrene	17.333	178	96566	3.104	ng/ul	93
16) Anthracene	17.426	178	25450	1.078	ng/ul	93
19) Fluoranthene	19.348	202	139012	4.230	ng/ul	100
20) Pyrene	19.710	202	113763	2.962	ng/ul	98
21) Benzo(a)anthracene	21.451	228	39779m	2.335	ng/ul	
22) Chrysene	21.504	228	47732m	2.370	ng/ul	
24) Benzo(b)fluoranthene	23.135	252	51811	2.557	ng/ul	90
25) Benzo(k)fluoranthene	23.176	252	24813m	1.373	ng/ul	
26) Benzo(a)pyrene	23.754	252	33764	1.427	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.357	276	22345	0.785	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.367	278	3990	0.193	ng/ul#	82
29) Benzo(g,h,i)perylene	27.125	276	18912	0.613	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

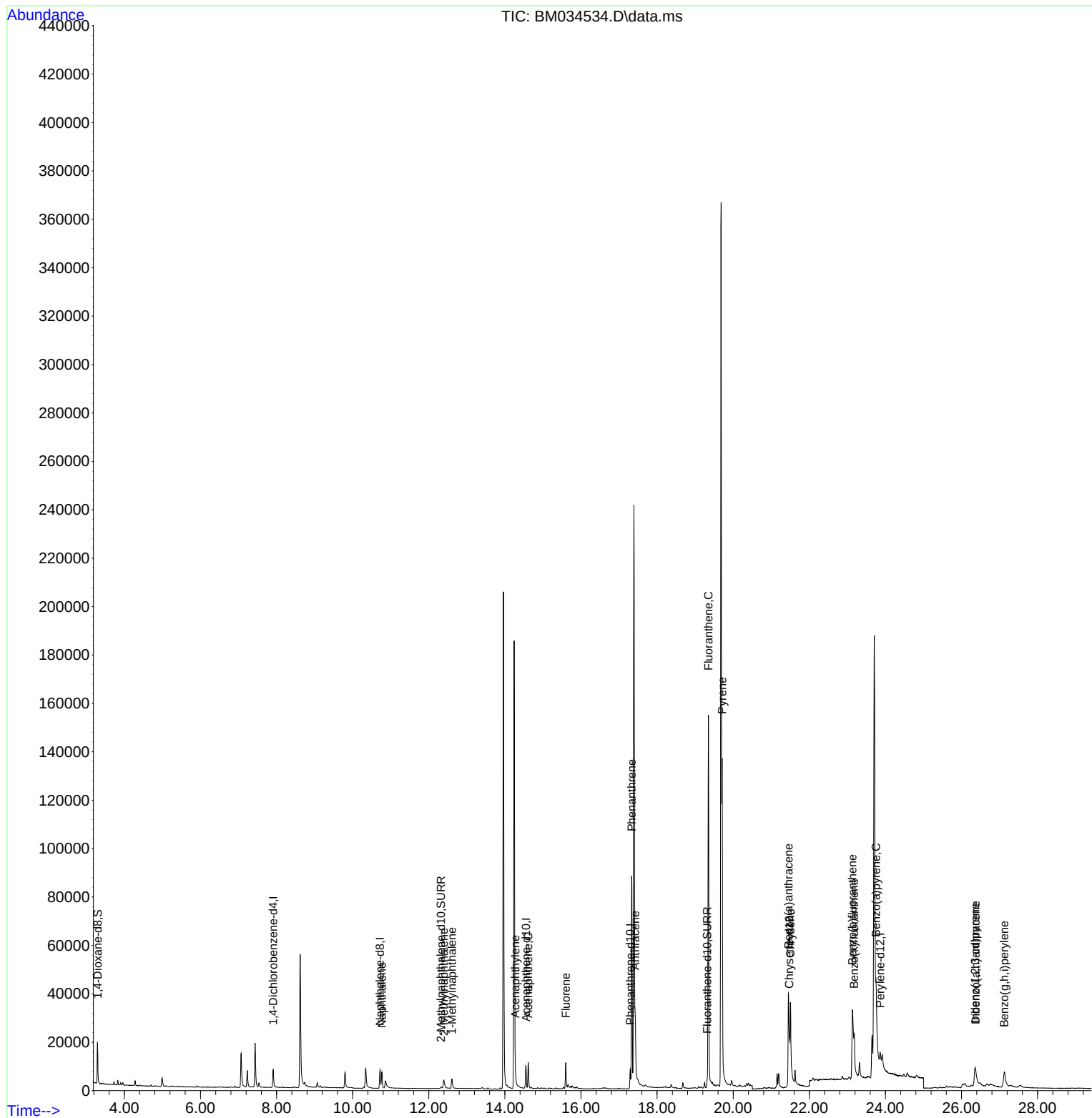
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034534.D
Acq On : 07 Apr 2022 01:52
Operator : CG/JU
Sample : N2182-08
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ALS Vial : 23 Sample Multiplier: 1

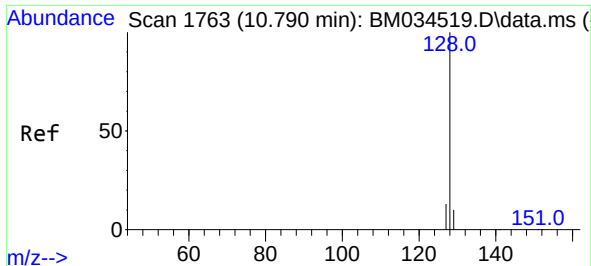
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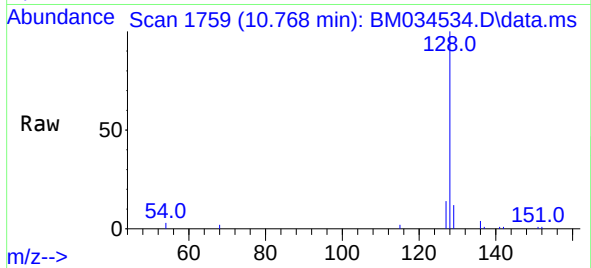
Quant Time: Apr 07 03:20:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.284 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. -0.017 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

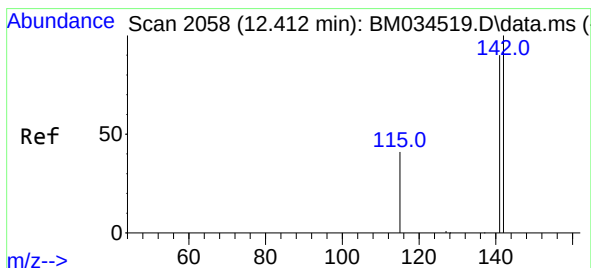
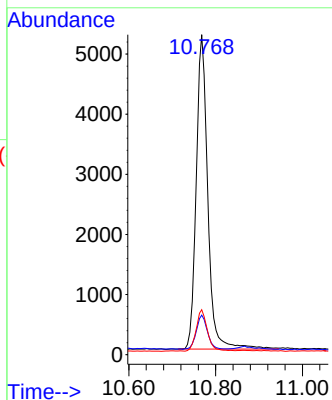
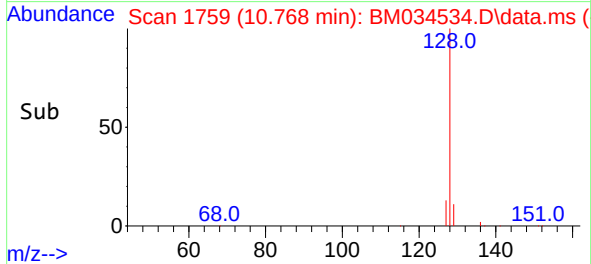
Instrument :
BNA_M
ClientSampleId :
C0R15



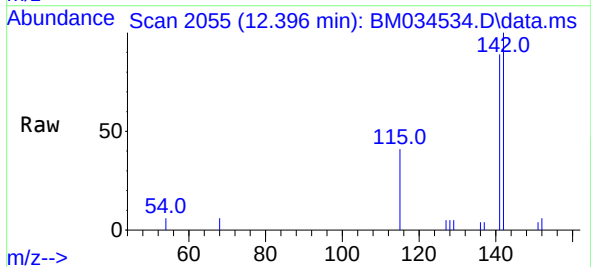
Tgt Ion:128 Resp: 972
Ion Ratio Lower Upper
128 100
129 12.4 13.4 20.2
127 14.1 15.2 22.8

Manual Integrations
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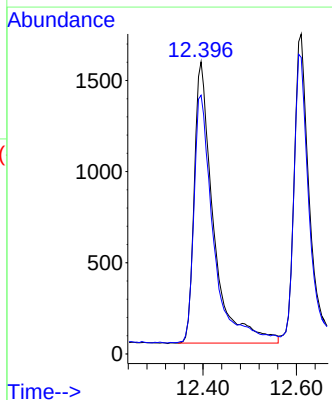
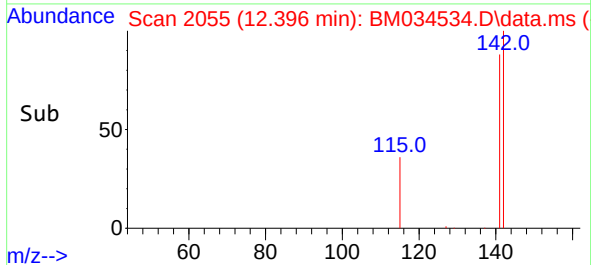
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

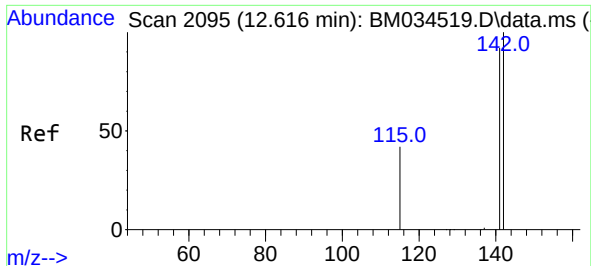


#7
2-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.396 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52



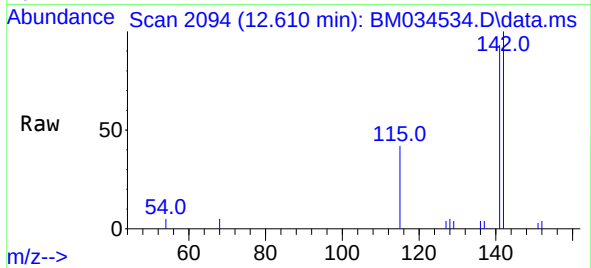
Tgt Ion:142 Resp: 4424
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 12.610 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

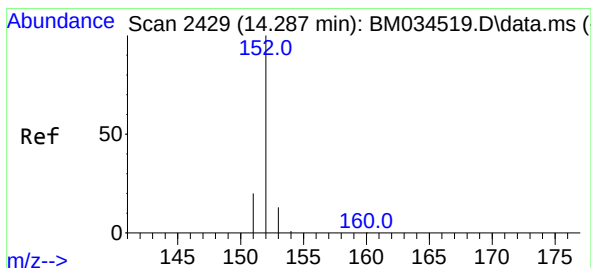
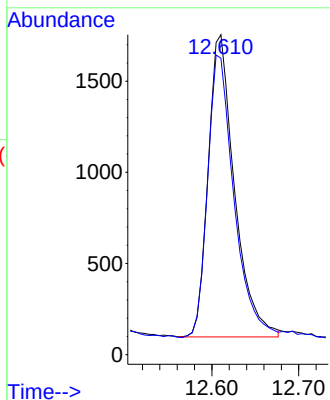
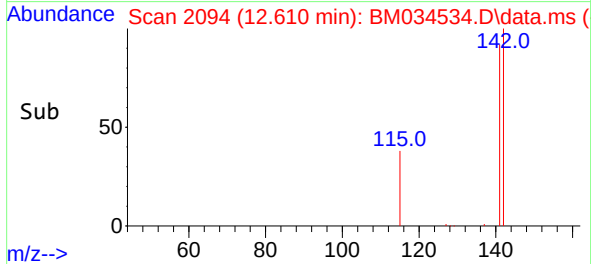
Instrument :
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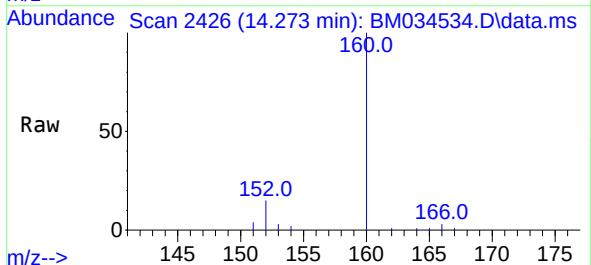
Tgt Ion:142 Resp: 3498
Ion Ratio Lower Upper
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141 93.6 75.0 112.4

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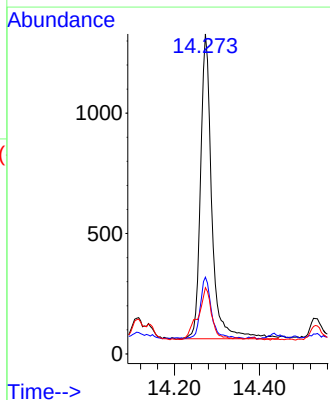
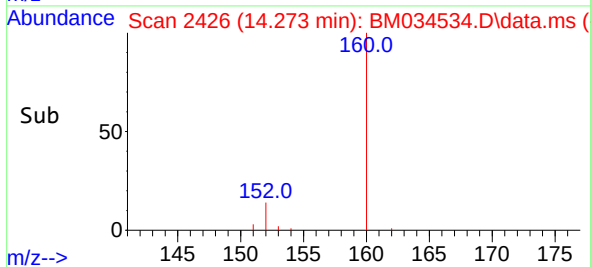
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

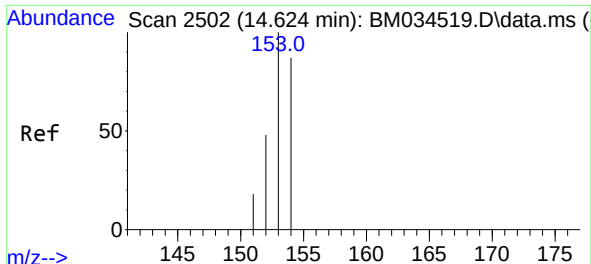


#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. -0.014 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52



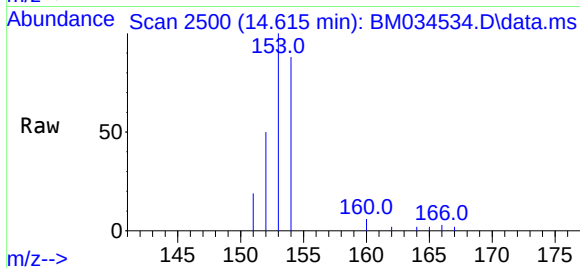
Tgt Ion:152 Resp: 2325
Ion Ratio Lower Upper
152 100
151 24.0 19.9 29.9
153 20.7 15.0 22.4





#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.615 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

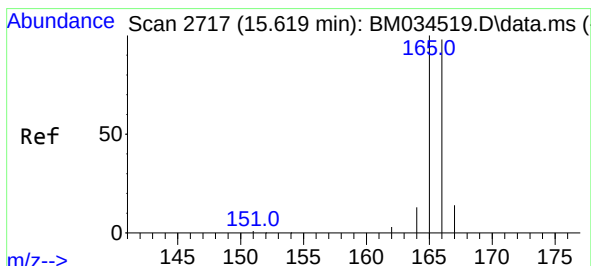
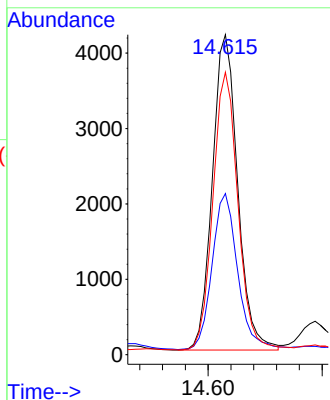
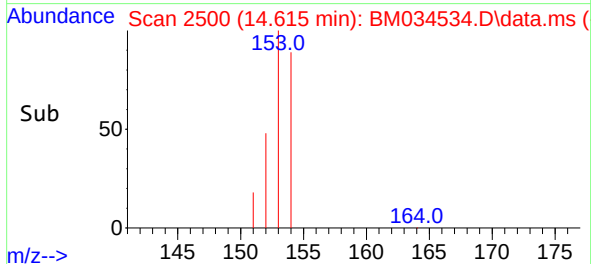
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 6438
Ion Ratio Lower Upper
153 100
152 50.4 42.4 63.6
154 88.3 66.2 99.2

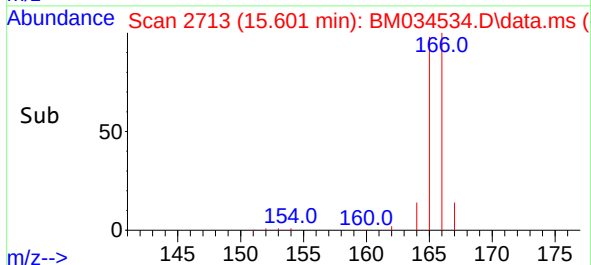
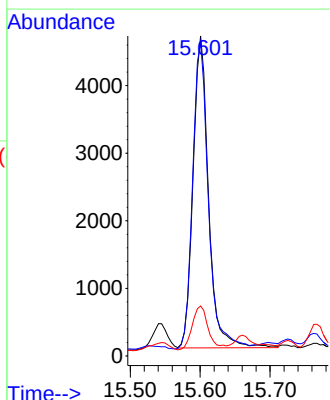
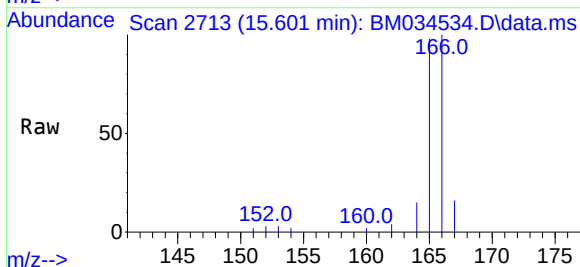
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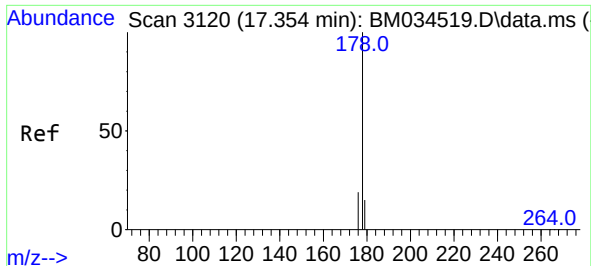
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.601 min Scan# 2713
Delta R.T. -0.018 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

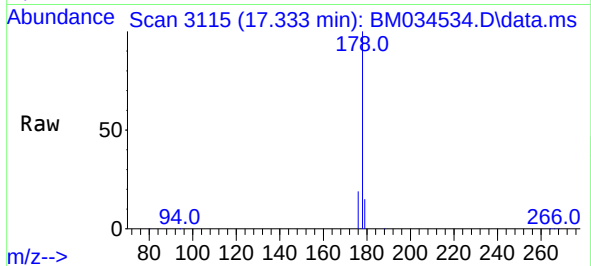
Tgt Ion:166 Resp: 7118
Ion Ratio Lower Upper
166 100
165 98.3 81.1 121.7
167 15.6 14.9 22.3





#15
Phenanthrene
Concen: 3.104 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. -0.021 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

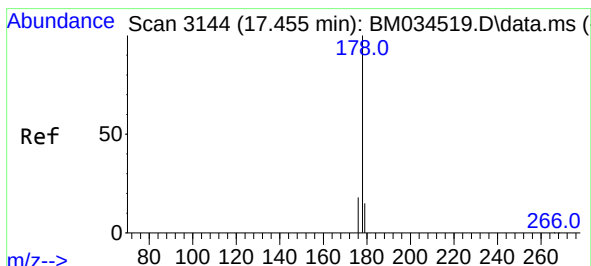
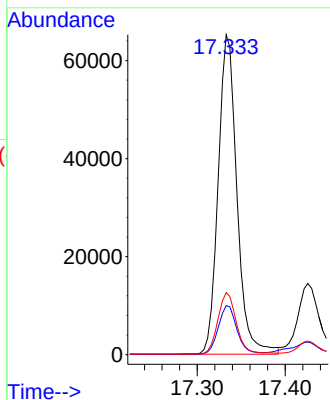
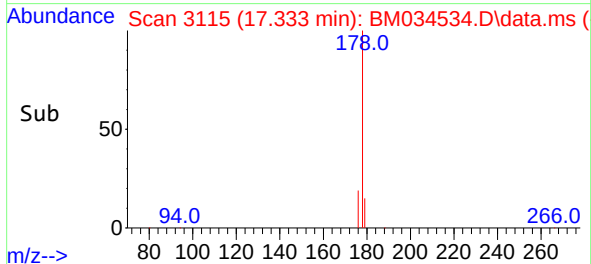
Instrument :
BNA_M
ClientSampleId :
C0R15



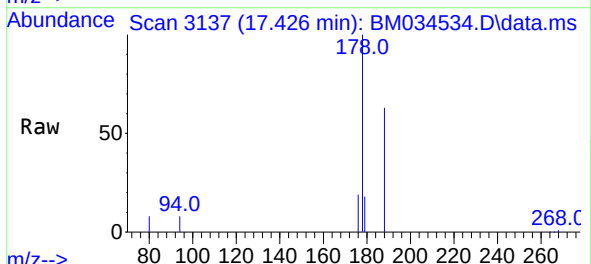
Tgt Ion:178 Resp: 96560
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.4 17.9 26.9

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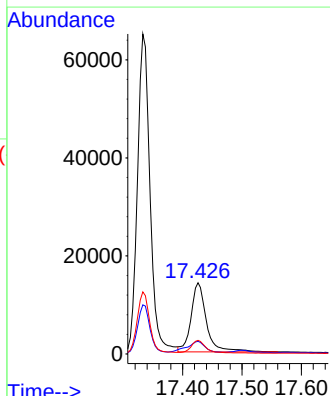
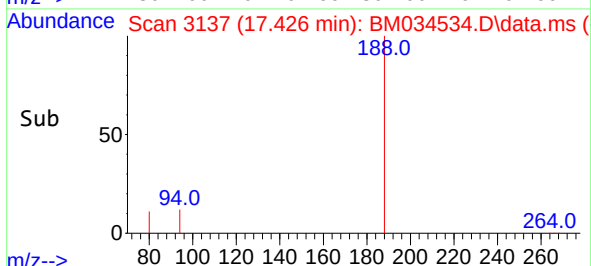
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

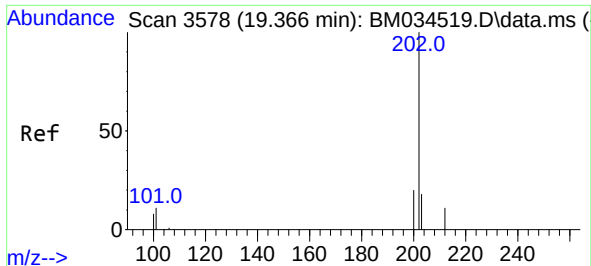


#16
Anthracene
Concen: 1.078 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.025 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52



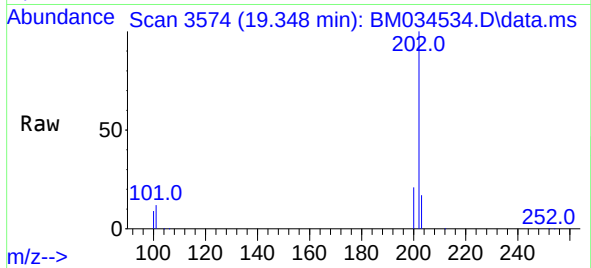
Tgt Ion:178 Resp: 25450
Ion Ratio Lower Upper
178 100
179 17.7 16.5 24.7
176 19.2 18.3 27.5





#19
Fluoranthene
Concen: 4.230 ng/u1
RT: 19.348 min Scan# 3574
Delta R.T. -0.019 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

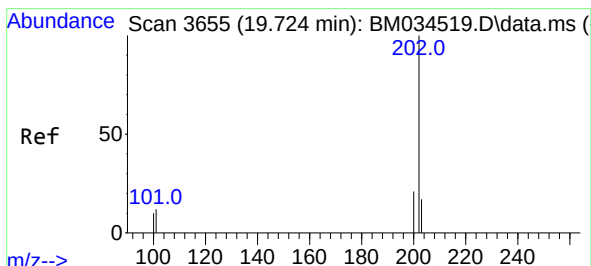
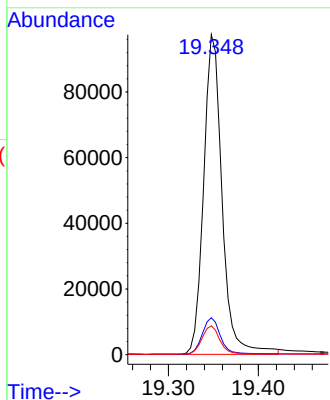
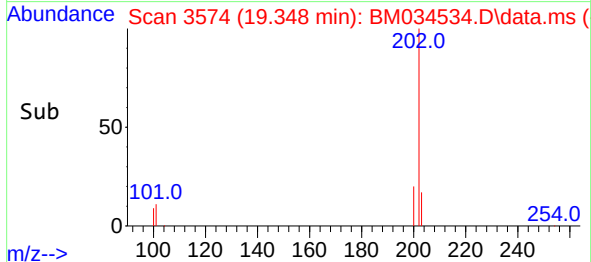
Instrument :
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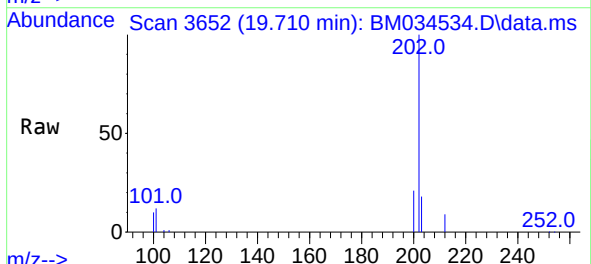
Tgt Ion:202 Resp: 13901
Ion Ratio Lower Upper
202 100
101 11.6 9.2 13.8
100 9.0 7.2 10.8

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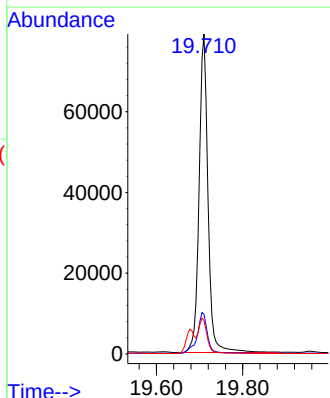
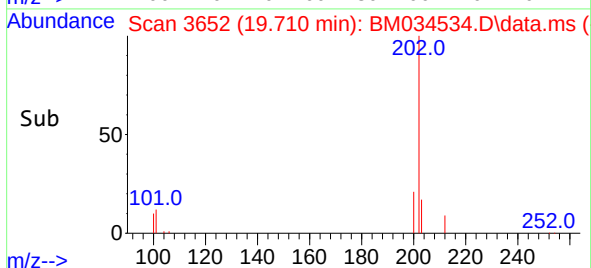
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

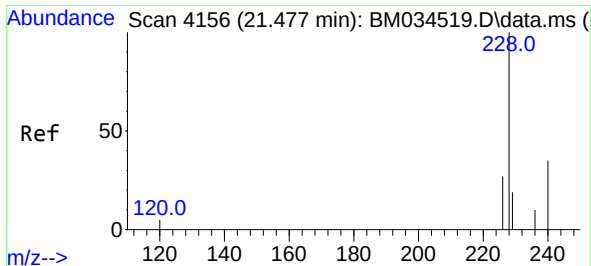


#20
Pyrene
Concen: 2.962 ng/u1
RT: 19.710 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52



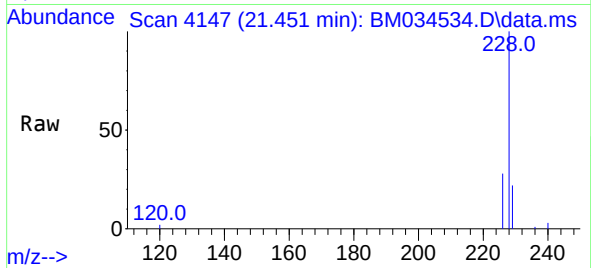
Tgt Ion:202 Resp: 113763
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.4 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.335 ng/ul m
RT: 21.451 min Scan# 4156
Delta R.T. -0.029 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

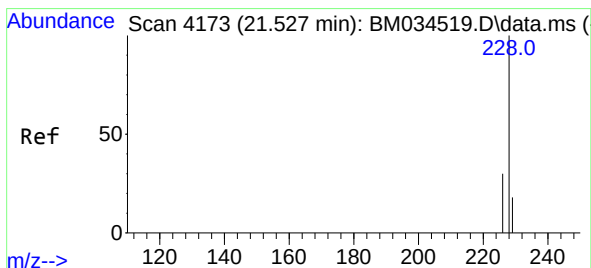
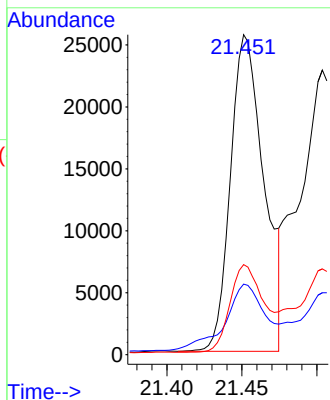
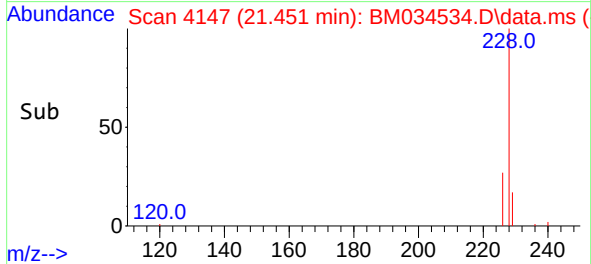
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Tgt Ion:228 Resp: 39779
Ion Ratio Lower Upper
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229 22.0 17.3 25.9
226 28.1 23.2 34.8

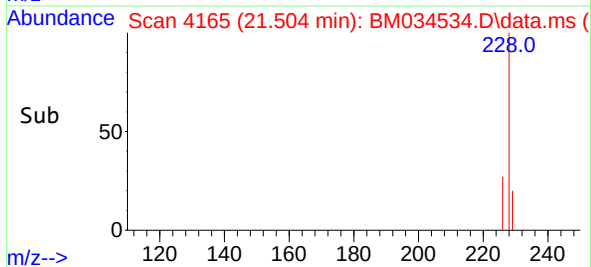
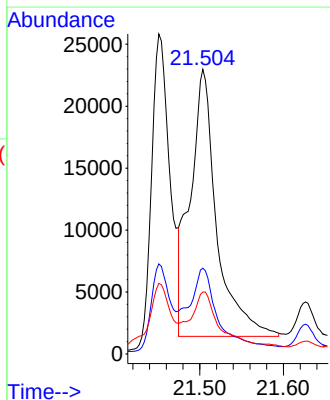
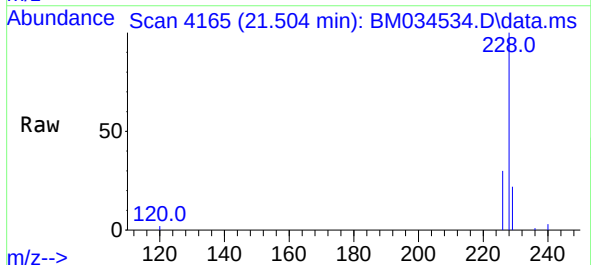
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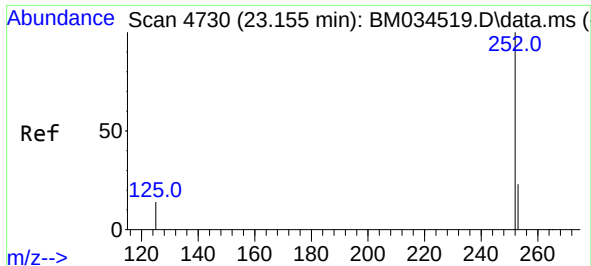
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#22
Chrysene
Concen: 2.370 ng/ul m
RT: 21.504 min Scan# 4165
Delta R.T. -0.023 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

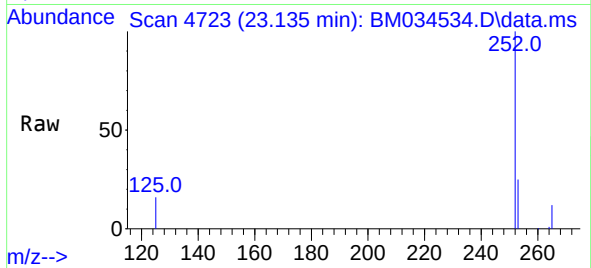
Tgt Ion:228 Resp: 47732
Ion Ratio Lower Upper
228 100
226 30.1 25.8 38.8
229 21.8 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 2.557 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. -0.026 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

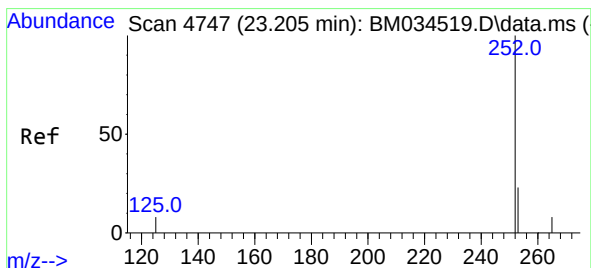
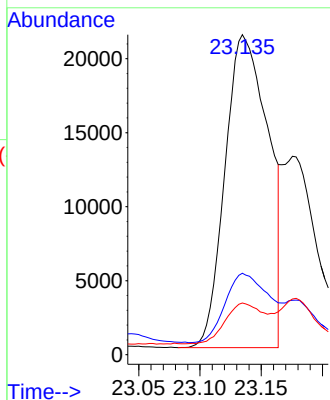
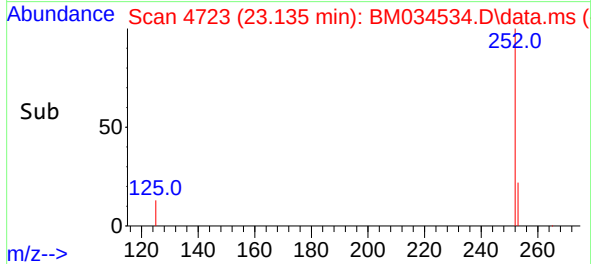
Instrument :
BNA_M
ClientSampleId :
COR15



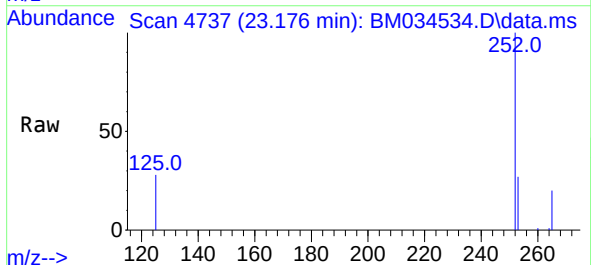
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Ion Ratio Lower Upper
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253 25.5 0.0 64.2
125 16.2 0.0 28.8

Manual Integrations
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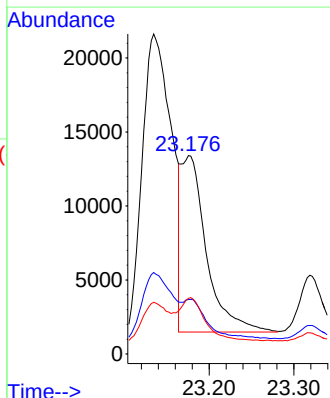
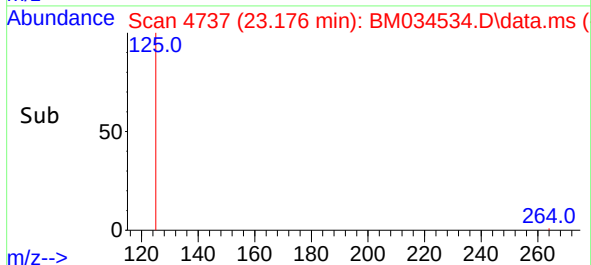
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

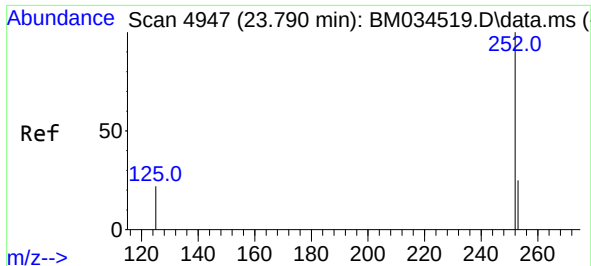


#25
Benzo(k)fluoranthene
Concen: 1.373 ng/ul m
RT: 23.176 min Scan# 4737
Delta R.T. -0.035 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52



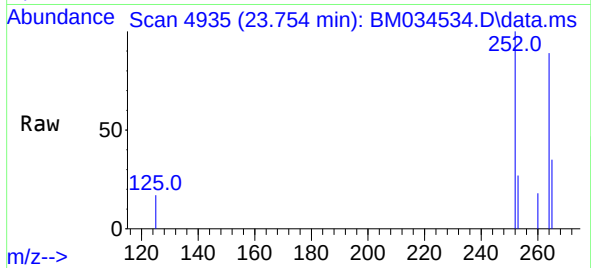
Tgt Ion:252 Resp: 24813
Ion Ratio Lower Upper
252 100
253 27.4 26.8 40.2
125 28.1 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 1.427 ng/ul
RT: 23.754 min Scan# 4947
Delta R.T. -0.041 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

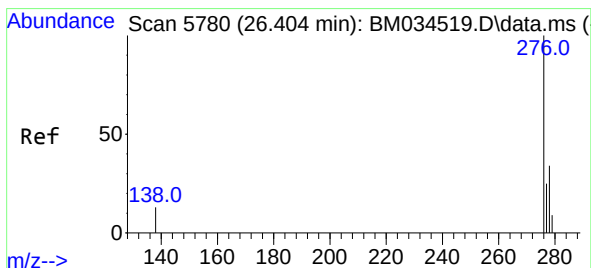
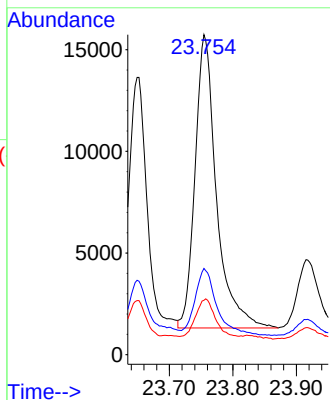
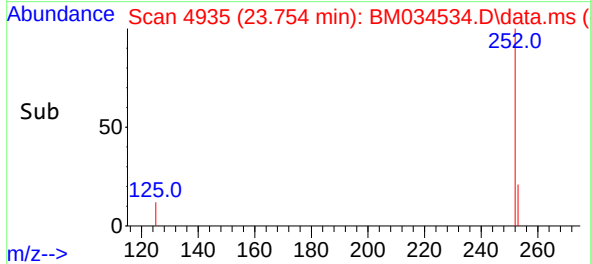
Instrument :
BNA_M
ClientSampleId :
COR15



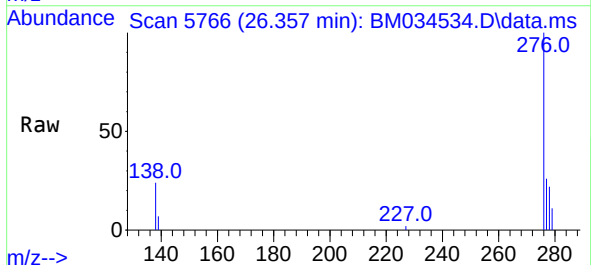
Tgt Ion:252 Resp: 33764
Ion Ratio Lower Upper
252 100
253 27.0 32.0 48.0
125 17.0 14.5 21.7

Manual Integrations
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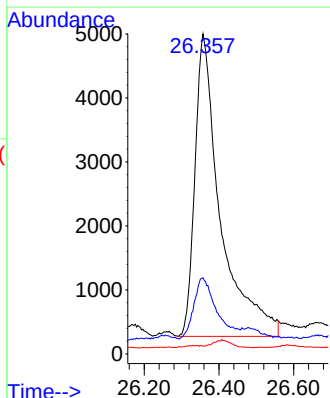
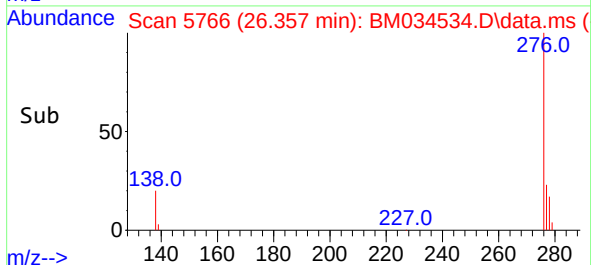
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

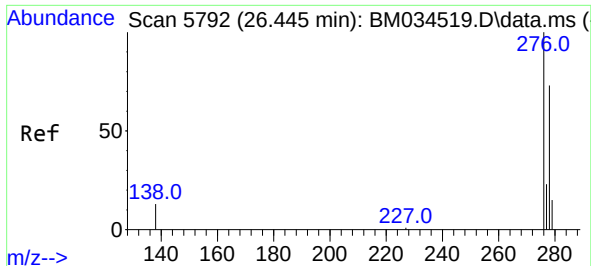


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.785 ng/ul
RT: 26.357 min Scan# 5766
Delta R.T. -0.054 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52



Tgt Ion:276 Resp: 22345
Ion Ratio Lower Upper
276 100
138 21.1 15.8 23.6
227 0.0 0.0 0.0





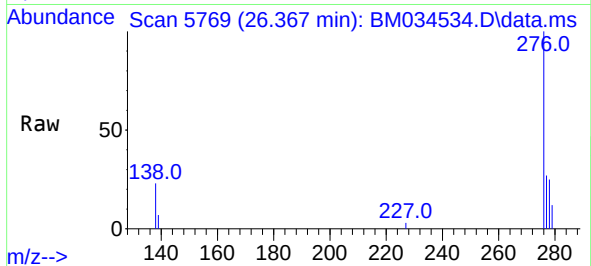
#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 26.367 min Scan# 51
Delta R.T. -0.094 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52

Instrument :

BNM

ClientSampleId :

C0R15

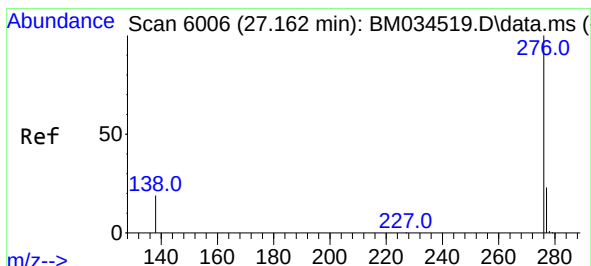
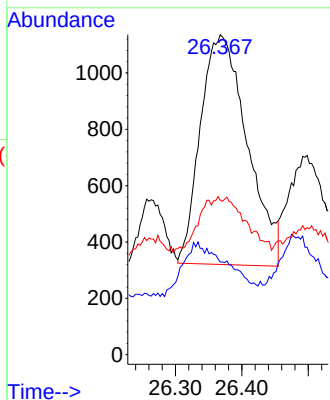


Tgt Ion:278 Resp: 3990
Ion Ratio Lower Upper
278 100
139 29.0 18.0 27.0
279 48.2 28.6 42.8

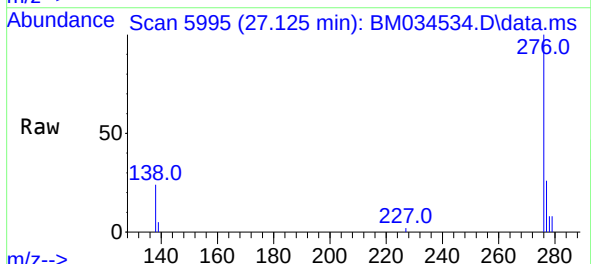
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#29
Benzo(g,h,i)perylene
Concen: 0.613 ng/ul
RT: 27.125 min Scan# 5995
Delta R.T. -0.044 min
Lab File: BM034534.D
Acq: 07 Apr 2022 01:52



Tgt Ion:276 Resp: 18912
Ion Ratio Lower Upper
276 100
138 24.3 17.4 26.0
277 26.4 22.6 33.8

